

Table H. - Engineering Index Properties

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Absence of an entry indicates that the data were not estimated.

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticity Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
100: Luning	0-4	Loamy Sand	SM	A-2	0	0	100	90-100	70-85	20-35	---	NP
	4-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0-10	0	75-95	55-90	45-80	10-30	---	NP
102: Luning	0-4	Loamy Sand	SM	A-2	0	0	100	90-100	70-85	20-35	---	NP
	4-60	Stratified Sandy Loam To Very Gravelly Coarse Sand	SM	A-1 A-2	0-10	0	75-95	55-90	45-80	10-30	---	NP
Toulon	0-2	Very Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	0-10	55-70	40-50	30-45	20-35	---	NP
	2-13	Very Gravelly Sandy Loam Very Gravelly Coarse Sandy Loam	GM	A-1 A-2	0	0-5	40-60	25-40	15-35	10-30	---	NP
	13-60	Very Gravelly Loam Stratified Gravelly Coarse Sand To Extremely Cobbly Coarse Sand	GP GP-GM	A-1	0-5	25-50	40-50	25-40	5-20	0-10	---	NP
110: Izo	0-3	Very Gravelly Sand	GP-GM GW GW-GM SW	A-1	0-5	0-15	35-60	30-50	15-35	0-10	---	NP
	3-60	Stratified Gravelly Loamy Sand To Extremely Gravelly Coarse Sand	SW-SM GW GW-GM	A-1	0-5	0-15	20-40	15-35	10-20	0-10	---	NP
120:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
120: Inmo	In											
	0-8	Very Gravelly Loamy Sand	SM	A-1	0	0-5	65-75	30-50	20-30	10-20	---	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	---	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
121: Inmo	0-6	Very Gravelly Loamy Sand	SM	A-1	0	0-5	65-75	30-50	20-30	10-15	---	NP
	6-33	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	60-85	20-35	10-25	0-10	---	NP
	33-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
122: Inmo	0-8	Very Gravelly Loamy Sand	SM	A-1	0	0-5	65-75	30-50	20-30	10-20	---	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	---	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
Inmo	0-8	Very Gravelly Loamy Sand	SM	A-1	0	0-5	65-75	30-50	20-30	10-15	---	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	60-85	20-35	10-25	0-10	---	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
123:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
123: Inmo	In											
	0-8	Very Bouldery Loamy Sand	SM	A-1	15-30	0-10	60-80	30-50	15-30	5-15	0-14	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP-SM SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	0-14	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	0-14	NP
124: Inmo	0-8	Very Gravelly Loamy Sand	SM	A-1	0	0-5	65-75	30-50	20-30	10-20	---	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	---	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
Orizaba	0-8	Loam	CL	A-4	0	0	100	100	85-95	65-75	25-35	5-15
	8-60	Stratified Silty Clay Loam To Sand	CL-ML CL	A-6 A-6	0	0	100	95-100	75-90	50-80	30-40	10-20
Louderback	0-1	Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	100	50-60	5-15	---	NP
	1-36	Sand	SM SP-SM SW-SM	A-2 A-3	0	0	100	100	50-60	5-15	---	NP
	36-60	Very Gravelly Sand	GM GP-GM GW-GM SM SW-SM	A-1	0	0	35-60	25-50	15-40	5-15	---	NP
Typic Haplaquepts	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
124:	In											
125: Inmo	0-8	Extremely Stony Sandy	SM	A-1	25-40	5-10	55-75	25-40	15-25	5-15	0-14	NP-5
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP-SM SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	0-14	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0-5	0-15	80-90	35-50	20-30	10-15	0-14	NP
Rednik	0-6	Very Gravelly Sandy Loam	GM	A-1	0	0-5	45-55	35-50	25-40	15-25	---	NP
	6-15	Very Gravelly Loam Extremely Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GC	A-2	0-10	5-30	35-60	30-50	20-35	15-30	25-35	10-15
	15-20	Very Gravelly Fine Sandy Loam Extremely Gravelly Sandy Loam	GM	A-1	0-10	5-30	35-60	30-50	15-40	10-25	---	NP
	20-60	Very Gravelly Sandy Loam Stratified Very Gravelly Sand To Extremely Gravelly Loamy Sand	GM GP-GM GW GW-GM SW-SM	A-1	0-10	5-30	30-60	25-60	15-30	0-15	---	NP
130: Sodaspring	0-2	Loamy Sand	SM	A-1	0	0-10	95-100	85-100	35-50	15-25	---	NP
	2-60	Stratified Gravelly Coarse Sand To Sandy Loam	SM	A-1 A-2	0	0-10	75-95	50-75	30-55	15-25	15-25	NP-5
160:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
160: Oricto	In											
	0-3	Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	10-25	40-60	35-55	25-45	15-30	15-25	NP-5
	3-8	Very Gravelly Sandy Clay Loam	GC	A-2	0	5-30	45-60	35-55	20-40	10-35	30-35	10-15
	8-14	Very Gravelly Loam Very Gravelly Coarse Sandy Loam Extremely Cobbly Sandy Loam	GM GW-GM	A-1	0-5	15-45	35-55	30-50	10-35	5-20	15-25	NP-5
	14-60	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	GM GP-GM GW GW-GM SW-SM	A-1	0	0-30	30-60	25-50	10-35	0-15	---	NP
170: Gynelle	0-2	Very Gravelly Loamy Sand	GM GP-GM GW-GM SM SW-SM	A-1	0	0-10	40-60	30-50	15-35	5-15	---	NP
	2-60	Stratified Very Gravelly Sandy Loam To Extremely Cobbly Coarse Sand	GM SM	A-1	0	15-40	50-70	35-60	20-40	10-20	---	NP
171: Gynelle	0-6	Gravelly Loamy Sand	SM	A-2	0	0-5	65-85	55-75	40-50	25-35	---	NP
	6-60	Stratified Very Gravelly Sandy Loam To Extremely Cobbly Coarse Sand	GM SM	A-1	0	15-40	50-70	40-60	20-40	10-20	---	NP
180:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
180: Breko	0-6	Gravelly Sandy Loam	SM	A-1	0	0-5	65-80	55-75	35-60	15-35	15-25	NP-5
	6-21	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	0	35-60	25-50	15-45	10-35	30-40	10-20
	21-29	Very Gravelly Clay Loam Extremely Gravelly Sandy Clay Loam	GW-GC	A-2	0	0	25-40	10-25	10-20	5-10	30-40	10-20
	29-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Loamy Coarse	GP-GM GW-GM	A-1	0	0	35-45	10-35	5-15	5-10	15-25	NP-5
Wiskiflat	0-10	Gravelly Loamy Sand	SM	A-1	0-2	0-10	75-90	50-75	30-45	15-30	---	NP
	10-60	Stratified Very Gravelly Sandy Loam To Very Gravelly Coarse Sand	SM	A-2 A-1	0-2	0-10	55-75	30-50	20-40	10-25	---	NP
181: Breko	0-5	Stony Loamy Sand	SM	A-1	5-10	0-5	60-85	55-80	20-55	10-30	---	NP
	5-24	Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	0	35-60	25-50	15-45	10-35	30-40	10-20
	24-60	Very Gravelly Clay Loam Stratified Gravelly Sandy Loam To Extremely Gravelly Loamy Coarse	GP-GM GW-GM	A-1	0	0	35-45	10-35	5-15	5-10	15-25	NP-5
Wiskiflat	0-10	Gravelly Loamy Sand	SM	A-1	0-2	0-10	75-90	50-75	30-45	15-30	---	NP
	10-60	Stratified Very Gravelly Sandy Loam To Very Gravelly Coarse Sand	SM	A-2 A-1	0-2	0-10	55-75	30-50	20-40	10-25	---	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
181:	In											
190: Candelaria	0-1	Very Gravelly Sandy Loam	GM	A-1	0-5	0-15	35-50	30-45	25-40	10-20	20-25	NP-5
	1-4	Gravelly Fine Sandy Loam	SM	A-2	0-5	0-10	70-80	65-75	50-60	20-35	20-25	NP-5
	4-16	Extremely Gravelly Sandy Loam	GM	A-1	0-5	0-10	25-45	20-45	15-25	10-20	15-25	NP-5
	16-60	Very Gravelly Loamy Sand Very Gravelly Sandy Loam Stratified Extremely Gravelly Sand To Very Gravelly Loamy Coarse	GP-GM GW GW-GM	A-1	0-5	0-10	25-45	20-35	10-20	0-10	---	NP
191: Candelaria	0-4	Very Stony Sandy Loam	SM	A-1	10-25	0-15	55-75	45-65	40-60	10-25	20-25	NP-5
	4-7	Gravelly Fine Sandy Loam	SM	A-2	0-5	0-10	70-80	65-75	50-60	20-35	20-25	NP-5
	7-21	Extremely Gravelly Sandy Loam	GM	A-1	0-5	0-10	25-45	20-45	15-25	10-20	15-25	NP-5
	21-60	Very Gravelly Loamy Sand Very Gravelly Sandy Loam Stratified Extremely Gravelly Sand To Very Gravelly Loamy Coarse	GP-GM GW GW-GM	A-1	0-5	0-10	25-45	20-35	10-20	0-10	---	NP
201: Wardenot	0-5	Very Gravelly Loamy Sand	GM SM	A-1	0	0-10	45-60	35-55	20-40	10-15	---	NP
	5-60	Stratified Very Gravelly Fine Sandy Loam To Extremely Cobbly Loamy	GM GP-GM GW-GM	A-1	0-5	5-40	25-50	20-45	15-40	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
201: Wardenot	0-6	Very Stony Loamy Sand	SM	A-1	15-30	0-10	65-80	30-50	15-30	10-15	0-14	NP
	6-60	Stratified Very Gravelly Fine Sandy Loam To Extremely Cobbly Loamy	GM GP-GM GW-GM	A-1	0-5	5-40	25-50	20-45	15-40	5-15	0-14	NP
210: Beelem	0-1	Very Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	70-85	30-50	25-35	15-30	20-25	NP-5
	1-4	Gravelly Sandy Loam	SM	A-2	0	0-10	80-90	55-75	40-50	25-35	20-25	NP-5
	4-8	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Wassit	0-6	Very Stony Sandy Loam	GM	A-1 A-2	10-35	10-25	50-65	35-55	25-40	15-30	20-25	NP-5
	6-12	Very Gravelly Clay Loam Very Gravelly Loam	GC	A-2	0	0-10	45-65	30-50	25-40	20-35	30-45	10-20
	12-22	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
220: Bijorja	0-4	Loamy Coarse Sand	SM	A-1 A-2	0	0	95-100	75-85	30-50	20-30	---	NP
	4-30	Gravelly Sandy Loam Gravelly Coarse Sandy	SM	A-1 A-2	0	0	95-100	50-75	20-50	15-35	20-25	NP-5
	30-34	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Petspring	0-1	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-20	80-90	30-50	15-30	10-20	20-25	NP-5
	1-4	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-15	80-90	30-50	15-30	10-20	20-25	NP-5
	4-8	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
230: Blacktop	0-7	Very Gravelly Sandy Loam	GM	A-1	0	5-10	35-60	30-50	20-40	10-25	20-30	NP-5
	7-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
230:												
Rock Outcrop	---				---	---	---	---	---	---	---	---
240:												
Bouncer	0-3	Gravelly Loamy Fine Sand	GM	A-1	0	0-10	60-80	50-75	45-55	15-25	20-25	NP-5
	3-10	Very Gravelly Loam Extremely Gravelly Sandy Clay Loam	SM GC SC	A-2 A-2	0	0-10	40-70	25-50	25-45	20-35	25-35	10-15
	10-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
250:												
Downeyville	0-4	Very Gravelly Fine Sandy Loam	SC-SM SM	A-1 A-2	0	5-20	60-70	30-55	25-45	15-30	15-25	NP-10
	4-9	Very Gravelly Fine Sandy Loam	GC	A-2 A-6	0-5	10-25	40-60	30-50	25-50	20-40	25-35	10-15
	9-13	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Downeyville	0-4	Very Gravelly Sandy Loam	SC-SM SM	A-1 A-2	0	5-20	60-70	30-55	20-45	15-30	15-25	NP-10
	4-9	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GC	A-2 A-6	0-5	10-25	40-60	30-50	25-50	20-40	25-35	10-15
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Gabbvally	0-2	Very Stony Loam	GM	A-4	5-25	5-10	60-75	55-70	45-55	35-50	20-25	NP-5
	2-8	Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GC GC-GM	A-2	0-5	0-15	50-60	35-50	25-35	15-25	25-35	5-15
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
250:	In											
251: Downeyville	0-4	Very Gravelly Sandy Loam	SC-SM SM	A-1 A-2	0	5-20	60-70	30-55	20-45	15-30	15-25	NP-10
	4-9	Very Gravelly Loam Very Gravelly Fine Sandy Loam	GC	A-2 A-6	0-5	10-25	40-60	30-50	25-50	20-40	25-35	10-15
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blacktop	0-7 7-17	Very Gravelly Sandy Loam Unweathered Bedrock	GM ---	A-1 ---	0 ---	5-10 ---	35-60 ---	30-50 ---	20-40 ---	10-25 ---	20-30 ---	NP-5 ---
252: Downeyville	0-3	Very Gravelly Sandy Loam	SC-SM SM	A-1 A-2	0	5-20	60-70	30-55	20-45	15-30	15-25	NP-10
	3-12	Very Gravelly Fine Sandy Loam	GC	A-2 A-6	0-5	10-25	40-60	30-50	25-50	20-40	25-35	10-15
	12-16	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Gabbvally	0-2 2-8	Very Stony Loam Very Gravelly Loam Very Gravelly Sandy Loam Very Gravelly Sandy Clay Loam	GM GC GC-GM	A-4 A-2	5-25 0-5	5-10 0-15	60-75 50-60	55-70 35-50	45-55 25-35	35-50 15-25	20-25 25-35	NP-5 5-15
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
253:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
253: Downeyville	In											
	0-4	Very Gravelly Sandy Loam	SC-SM	A-1	0	5-20	60-70	30-55	20-45	15-30	15-25	NP-10
	4-9	Very Gravelly Fine Sandy Loam	SM	A-2								
			GC	A-2	0-5	10-25	40-60	30-50	25-50	20-40	25-35	10-15
		Very Gravelly Loam		A-6								
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blacktop	0-8	Very Gravelly Sandy Loam	GM	A-1	0	5-10	35-60	30-50	20-40	10-25	20-30	NP-5
	8-12	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
260: Gabbvally	0-2	Very Stony Loamy Coarse Sand	GM	A-1	10-20	5-10	50-65	40-60	15-30	10-15	---	NP
			SM									
	2-8	Very Gravelly Sandy Loam	GC	A-2	0-5	0-15	50-60	35-50	25-35	15-25	25-35	5-15
		Very Gravelly Sandy Clay Loam	GC-GM									
		Very Gravelly Loam										
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Tejabe	0-2	Very Stony Sandy Loam	GM	A-2	10-20	5-20	60-70	40-60	35-45	25-35	20-25	NP-5
			SM									
	2-10	Very Gravelly Sandy Loam	GM	A-1	0	0-10	45-60	30-50	25-40	15-30	20-25	NP-5
				A-2								
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
270:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
270: Garhill	In											
	0-2	Very Stony Loamy Fine	SM	A-1	10-20	0-25	65-80	50-75	40-60	15-30	---	NP
	2-7	Fine Sandy Loam	SM	A-2 A-4	0	0-5	80-90	75-90	55-80	20-40	20-25	NP-5
	7-10	Gravelly Loam Gravelly Sandy Loam	CL-ML ML SC SC-SM SM	A-2 A-4	0	0-5	70-85	50-75	40-60	30-55	25-35	5-10
	10-14 14-18	Indurated Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blacktop	0-7	Very Stony Fine Sandy	GM	A-1	20-35	10-20	35-65	30-60	20-40	10-25	20-30	NP-5
	7-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
280: Granmount	0-10	Very Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	5-25	45-65	35-55	30-45	20-30	20-30	NP-5
	10-33	Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	0	10-25	20-50	15-45	10-45	10-35	45-55	20-25
	33-60	Very Cobbly Clay Loam	GC	A-6 A-7	0	40-50	60-70	50-60	40-55	35-45	35-45	15-20

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
280: Kiote	0-8	Gravelly Loam	GC-GM GM SC-SM SM	A-2 A-4	0	0-5	60-85	50-75	35-50	25-40	20-30	NP-10
	8-18	Very Gravelly Loam	GC GC-GM	A-2	0	0-5	50-65	25-50	20-35	15-30	20-30	5-10
	18-38	Very Gravelly Loam	GC	A-2	0	5-20	40-55	25-45	20-35	15-30	25-35	10-15
	38-60	Extremely Gravelly Sandy Loam	GW-GC GW-GM	A-1 A-2	0	5-15	20-35	15-25	10-15	5-10	20-30	NP-10
		Extremely Gravelly Coarse Sandy Loam Extremely Gravelly Loam										
Hiridge	0-7	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	7-14	Very Gravelly Clay Loam Very Gravelly Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
	14-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
281: Granmount	0-10	Very Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	5-25	45-65	35-55	30-45	20-30	20-30	NP-5
	10-33	Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	0	10-25	20-50	15-45	10-45	10-35	45-55	20-25
	33-60	Very Cobbly Clay Loam	GC	A-6 A-7	0	40-50	60-70	50-60	40-55	35-45	35-45	15-20
Hiridge	0-4	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	4-18	Very Gravelly Loam Very Gravelly Clay Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
	18-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
281: Rubble Land	0-60	Fragmental Material	GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
282: Granmount	0-10	Very Gravelly Fine Sandy Loam	GM SM	A-1 A-2	0	5-25	45-65	35-55	30-45	20-30	20-30	NP-5
	10-33	Very Gravelly Clay Extremely Gravelly Clay	GC	A-2	0	10-25	20-50	15-45	10-45	10-35	45-55	20-25
	33-60	Very Cobbly Clay Loam	GC	A-6 A-7	0	40-50	60-70	50-60	40-55	35-45	35-45	15-20
Kiote	0-8	Very Gravelly Loam	GC-GM GM SC-SM SM	A-1 A-2	0	0-5	50-65	25-40	15-30	10-20	20-30	NP-10
	8-18	Very Gravelly Loam	GC GC-GM	A-2	0	0-5	50-65	25-50	20-35	15-30	20-30	5-10
	18-38	Very Gravelly Loam	GC	A-2	0	5-20	40-55	25-45	20-35	15-30	25-35	10-15
	38-60	Extremely Gravelly Coarse Sandy Loam Extremely Gravelly Sandy Loam Extremely Gravelly Loam	GW-GC GW-GM	A-1 A-2	0	5-15	20-35	15-25	10-15	5-10	20-30	NP-10
Hiridge	0-4	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	4-18	Very Gravelly Loam Very Gravelly Clay Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
	18-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	---				---	---	---	---	---	---	---	---

290:

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
290: Hiridge	In											
	0-4	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	4-18	Very Gravelly Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
		Very Gravelly Clay Loam										
	18-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
300: Jetcop	0-4	Very Stony Loamy Sand	SM	A-1	10-20	5-10	65-80	50-75	30-50	20-35	---	NP
	4-15	Gravelly Clay	GC	A-2	0	0-10	65-80	50-75	40-70	35-45	35-50	15-20
		Gravelly Clay Loam	GM	A-6								
			SC	A-7								
			SM									
	15-60	Indurated	---	---	---	---	---	---	---	---	---	---
Gabbvally	0-2	Very Stony Loam	GM	A-4	5-25	5-10	60-75	55-70	45-55	35-50	20-25	NP-5
	2-8	Very Gravelly Loam	GC	A-2	0-5	0-15	50-60	35-50	25-35	15-25	25-35	5-15
		Very Gravelly Sandy Loam	GC-GM									
		Very Gravelly Sandy Clay Loam										
	8-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
310: Lazan	0-1	Gravelly Loamy Sand	SM	A-1	0-2	0-10	80-90	50-65	30-40	10-20	---	NP
	1-4	Very Gravelly Coarse Sand	SM	A-1	0-2	0-10	60-80	30-50	20-35	5-15	---	NP
		Very Gravelly Loamy Coarse Sand	SP-SM									
			SW-SM									
	4-8	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
310: Lazan	In											
	0-1	Gravelly Loamy Sand	SM	A-1	0-2	0-10	80-90	50-65	30-40	10-20	---	NP
	1-4	Very Gravelly Loamy Coarse Sand	SM SP-SM	A-1	0-2	0-10	60-80	30-50	20-35	5-15	---	NP
	4-8	Very Gravelly Coarse Sand Weathered Bedrock	SW-SM ---	---	---	---	---	---	---	---	---	---
Nupart	0-2	Very Gravelly Loamy Sand	SM	A-1	0	0-15	75-85	30-50	15-25	10-15	---	NP
	2-5	Very Gravelly Loamy Coarse Sand	SM SP-SM	A-1	0	0-10	70-85	25-50	10-25	5-15	---	NP
	5-9	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
320: Nupart	0-4	Very Gravelly Loamy Sand	SM	A-1	0	0-15	75-85	30-50	15-25	10-15	---	NP
	4-10	Very Gravelly Loamy Coarse Sand	SM SP-SM	A-1	0	0-10	70-85	25-50	10-25	5-15	---	NP
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Lazan	0-2	Very Gravelly Coarse Sand	SP SP-SM	A-1	0-2	0-10	60-80	30-50	10-25	0-10	---	NP
	2-10	Very Gravelly Coarse Sand Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0-2	0-10	60-80	30-50	20-35	5-15	---	NP
	10-14	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
330:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
330: Pintwater	In											
	0-6	Very Gravelly Fine Sandy Loam	GM	A-1	0-2	0-10	35-60	30-50	20-40	10-25	20-25	NP-5
	6-11	Very Gravelly Fine Sandy Loam Extremely Gravelly Sandy Loam	GM	A-1	0-2	0-15	35-50	20-40	15-35	10-20	20-25	NP-5
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Blacktop	0-7	Very Gravelly Sandy Loam	GM	A-1	0	5-10	35-60	30-50	20-40	10-25	20-30	NP-5
	7-17	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
340: Playas	0-6	Silty Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-40
	6-60	Silty Clay Loam Silty Clay Clay	CH CL MH	A-7	0	0	100	100	100	90-100	45-75	20-40
350: Rockabin	0-8	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	30-50	15-35	10-25	20-25	NP-5
	8-21	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	25-50	15-35	10-25	20-25	NP-5
	21-25	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Hiridge	0-4	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	4-18	Very Gravelly Clay Loam Very Gravelly Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
	18-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
350:	In										Pct	
351: Rockabin	0-8	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	30-50	15-35	10-25	20-25	NP-5
	8-21	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	25-50	15-35	10-25	20-25	NP-5
	21-25	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Fusuvar	0-2	Very Bouldery Sandy Loam	SM	A-1 A-2	10-20	0-5	90-95	75-90	40-55	15-25	20-25	NP-5
	2-14	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1	0	0	90-95	50-75	30-45	10-25	20-25	NP-5
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snopoc	0-17	Stony Coarse Sandy Loam	SM	A-1	5-15	0-10	75-90	30-50	20-35	10-25	20-25	NP-5
	17-60	Extremely Gravelly Coarse Sandy Loam	SM SP SP-SM	A-1	0	0-10	75-90	10-30	5-25	0-15	20-25	NP-5
361: Snopoc	0-22	Very Gravelly Coarse Sandy Loam	SM SP-SM	A-1	0	0-5	80-95	25-45	15-30	5-25	20-25	NP-5
	22-60	Extremely Gravelly Coarse Sandy Loam	SM SP SP-SM	A-1	0	0-10	75-90	10-30	5-25	0-15	20-25	NP-5
Rockabin	0-12	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	30-50	15-35	10-25	20-25	NP-5
	12-21	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-10	75-85	25-50	15-35	10-25	20-25	NP-5
	21-25	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
361: Hiridge	In											
	0-4	Very Gravelly Sandy Loam	SM	A-1	0	0-15	80-90	30-50	20-40	10-25	20-25	NP-5
	4-18	Very Gravelly Clay Loam	SC	A-2	0	0-5	80-90	30-50	25-45	15-35	30-40	10-15
		Very Gravelly Loam										
	18-23	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	23-27	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
370: Sundown												
	0-6	Loamy Sand	SM	A-1	0	0-5	95-100	85-100	25-40	10-25	---	NP
	6-60	Loamy Fine Sand	SM	A-2	0	0-5	95-100	85-100	70-85	15-30	---	NP
380: Theriot												
	0-3	Very Gravelly Sandy Loam	GM	A-1	0	15-35	40-70	40-60	25-50	10-30	---	NP
			SM	A-2								
	3-9	Very Gravelly Sandy Loam	GM	A-1	10-40	5-25	40-75	35-75	25-60	15-50	20-25	NP-5
		Very Cobbly Loam	SM	A-2								
		Very Stony Loam		A-4								
	9-13	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Theriot												
	0-3	Very Gravelly Sandy Loam	GM	A-1	0	15-35	40-70	40-60	25-50	10-30	---	NP
			SM	A-2								
	3-14	Very Gravelly Sandy Loam	GM	A-1	10-40	5-25	40-75	35-75	25-60	15-50	20-25	NP-5
		Very Cobbly Loam	SM	A-2								
		Very Stony Loam		A-4								
	14-18	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
390:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
390: Typic Torriorthents	0-12	Very Gravelly Coarse Sand	GM GP SM SP	A-1 A-2 A-3	0-10	0-10	45-70	30-55	5-35	0-25	---	NP
	12-60	Stratified Loamy Fine Sand To Extremely Gravelly Coarse Sand	GM GP SM SP	A-1 A-2 A-3	0-10	0-15	15-100	10-100	0-70	0-25	---	NP
400: Budihol	0-2	Extremely Bouldery Sandy Loam	SM	A-1 A-2	15-50	5-10	75-95	65-85	45-60	20-35	20-25	NP-5
	2-10	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1 A-2	0	0-10	60-80	55-75	35-55	20-35	20-25	NP-5
	10-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Uripnes	0-4	Extremely Bouldery Sandy Loam	SM	A-1	40-50	5-20	70-85	30-45	15-30	10-20	20-25	NP-5
	4-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
	21-25	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
Fluvaquents	---				---	---	---	---	---	---	---	---
410: Ahchew	0-7	Very Stony Fine Sandy	GM SM	A-1 A-2	10-25	0-10	45-65	35-55	30-50	10-30	20-30	NP-5
	7-17	Very Gravelly Clay Loam	GC	A-2	0-5	0-5	35-60	25-50	20-45	15-35	35-40	15-20
	17-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
410: Wassit	In											
	0-9	Very Stony Sandy Loam	GM	A-1 A-2	10-35	10-25	50-65	35-55	25-40	15-30	20-25	NP-5
	9-14	Very Gravelly Clay Loam	GC	A-2	0	0-10	45-65	30-50	25-40	20-35	30-45	10-20
	14-18	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
Wassit	0-6	Very Stony Sandy Loam	GM	A-1 A-2	10-35	10-25	50-65	35-55	25-40	15-30	20-25	NP-5
	6-12	Very Gravelly Clay Loam	GC	A-2	0	0-10	45-65	30-50	25-40	20-35	30-45	10-20
	12-22	Very Gravelly Loam Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
420: Wiskiflat	0-6	Gravelly Loamy Sand	SM	A-1 A-2	0-2	0-10	75-90	50-75	30-45	15-30	---	NP
	6-60	Stratified Very Gravelly Sandy Loam To Very Gravelly Coarse Sand	SM	A-1	0-2	0-10	55-75	30-50	20-40	10-25	---	NP
Breko	0-6	Gravelly Sandy Loam	SM	A-1 A-2	0	0-5	65-80	55-75	35-60	15-35	15-25	NP-5
	6-21	Very Gravelly Clay Loam	GC	A-2	0	0	35-60	25-50	15-45	10-35	30-40	10-20
	21-29	Very Gravelly Sandy Clay Loam Very Gravelly Loam Extremely Gravelly Sandy Clay Loam	GW-GC	A-2	0	0	25-40	10-25	10-20	5-10	30-40	10-20
	29-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Loamy Coarse	GP-GM GW-GM	A-1	0	0	35-45	10-35	5-15	5-10	15-25	NP-5
421:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
421: Wiskiflat	In											
	0-10	Very Bouldery Loamy Sand	SM	A-1	15-30	0-10	65-80	30-50	15-30	10-15	0-14	NP
	10-60	Stratified Very Gravelly Sandy Loam To Very Gravelly Coarse Sand	SM	A-1	0-15	0-5	55-75	30-50	20-40	10-25	0-14	NP
430: Breko	0-6	Very Gravelly Fine Sandy Loam	GM	A-1 A-2	0	0-5	40-55	35-50	30-40	20-30	15-25	NP-5
	6-21	Very Gravelly Clay Loam Very Gravelly Loam Very Gravelly Sandy Clay Loam	GC	A-2	0	0	35-60	25-50	15-45	10-35	30-40	10-20
	21-29	Extremely Gravelly Sandy Clay Loam	GW-GC	A-2	0	0	25-40	10-25	10-20	5-10	30-40	10-20
	29-60	Stratified Gravelly Sandy Loam To Extremely Gravelly Loamy Coarse	GP-GM GW-GM	A-1	0	0	35-45	10-35	5-15	5-10	15-25	NP-5
Terlco	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Sandy Loam Gravelly Loam Gravelly Clay Loam	CL GC SC	A-6 A-7	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Cobbly Loamy Sand Very Gravelly Sand Very Gravelly Loamy Sand	GM GP-GM SM SP-SM SW-SM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
430: Terlco	In											
	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Sandy Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Clay Loam	GC	A-7								
		Gravelly Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Cobbly Loamy Sand	GP-GM									
		Very Gravelly Sand	SM									
			SP-SM									
			SW-SM									
431: Terlco	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Clay Loam	GC	A-7								
		Gravelly Sandy Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Cobbly Loamy Sand	GP-GM									
		Very Gravelly Sand	SM									
			SP-SM									
			SW-SM									
Wiskiflat	0-10	Gravelly Loamy Sand	SM	A-1 A-2	0-2	0-10	75-90	50-75	30-45	15-30	---	NP
	10-60	Stratified Very Gravelly Sandy Loam To Very Gravelly Coarse Sand	SM	A-1	0-2	0-10	55-75	30-50	20-40	10-25	---	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
431: Terlco	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Clay Loam	GC	A-7								
		Gravelly Sandy Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Cobbly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Gravelly Sand	GP-GM									
		Very Gravelly Loamy Sand	SM SP-SM SW-SM									
432: Terlco	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Sandy Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Clay Loam	GC	A-7								
		Gravelly Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Cobbly Loamy Sand	GP-GM									
		Very Gravelly Sand	SM SP-SM SW-SM									
Annaw	0-3	Very Gravelly Loamy Sand	GM SM	A-1	0	0-25	40-60	35-50	25-35	10-15	---	NP
	3-11	Very Gravelly Sandy Loam	GM	A-1	0	0-15	50-85	45-75	30-60	15-35	---	NP
		Gravelly Fine Sandy Loam	SM	A-2								
		Gravelly Sandy Loam										
	11-60	Stratified Extremely Gravelly Loamy Coarse Sand To Very Gravelly	GM GP-GM GW-GM	A-1	0-5	0-25	20-55	20-45	10-20	5-15	---	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
432:	In											
433: Terlco	0-2	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	2-11	Gravelly Sandy Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Loam	GC	A-7								
		Gravelly Clay Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Cobbly Loamy Sand	GP-GM									
		Very Gravelly Sand	SM									
			SP-SM									
			SW-SM									
434: ltme	0-5	Gravelly Loamy Sand	SM	A-1	0	0-5	85-95	60-75	35-50	15-20	---	NP
	5-60	Very Gravelly Sand	SM	A-1	0-5	0-25	65-85	25-50	10-30	0-15	---	NP
		Very Gravelly Loamy Sand	SP									
			SP-SM									
Terlco	0-2	Gravelly Loamy Sand	SM	A-2	0-5	0-5	65-85	55-75	40-50	25-35	0-14	NP
	2-11	Gravelly Clay Loam	CL	A-6	0-5	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Loam	GC	A-7								
		Gravelly Sandy Loam	SC									
	11-18	Very Gravelly Sandy Loam	GM	A-1	0-5	0-20	40-60	35-50	15-40	10-25	20-25	NP-5
	18-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-35	45-70	35-50	10-30	5-15	0-14	NP
		Very Gravelly Sand	GP-GM									
		Very Cobbly Loamy Sand	SM									
			SP-SM									
			SW-SM									

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
434: Terlco	0-5	Very Gravelly Fine Sandy Loam	GM	A-1	0	0-5	40-60	30-50	25-40	10-25	20-25	NP-5
	5-13	Gravelly Sandy Loam	CL	A-6	0	0-5	65-80	55-75	45-70	35-55	25-45	10-20
		Gravelly Loam	GC	A-7								
		Gravelly Clay Loam	SC									
	13-19	Very Gravelly Sandy Loam	GM	A-1	0-5	0-30	40-60	35-50	15-40	10-25	20-25	NP-5
	19-60	Very Gravelly Loamy Sand	GM	A-1	0-5	0-40	45-70	35-50	10-30	5-15	---	NP
		Very Cobbly Loamy Sand	GP-GM									
460: Patna		Very Gravelly Sand	SM									
			SP-SM									
			SW-SM									
	0-8	Loamy Sand	SM	A-2	0	0	95-100	95-100	60-70	10-25	0-14	NP
	8-20	Loamy Sand	SM	A-4	0	0	95-100	95-100	65-80	35-50	25-30	NP-5
		Sandy Loam										
	20-35	Loamy Sand	SM	A-2	0	0	95-100	95-100	60-70	5-20	0-14	NP
470: Lakash		Sand	SW-SM	A-3								
	35-60	Gravelly Coarse Sand	SM	A-1	0	0	85-95	50-60	20-30	5-15	0-14	NP
			SP-SM									
			SW-SM									
	0-9	Loamy Sand	SM	A-2	0	0	85-100	75-100	65-85	25-35	---	NP
	9-60	Fine Sandy Loam	ML	A-4	0	0	85-100	75-100	70-90	50-65	30-40	NP-5
Demill	0-10	Loamy Sand	SM	A-2	0	0	85-100	75-100	65-90	15-35	---	NP
	10-21	Loamy Sand	SM	A-2	0	0	85-100	75-100	70-90	15-35	---	NP
		Loamy Fine Sand										
	21-60	Stratified Coarse Sand To Sandy Loam	SM	A-2	0	0	85-100	75-100	65-90	15-35	20-30	NP
480:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
480: Isolde	In											
	0-4	Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	75-90	0-10	---	NP
	4-60	Sand Fine Sand	SP SP-SM SW-SM	A-3	0	0	100	100	50-80	0-10	---	NP
500: Papoose	0-2	Gravelly Loamy Sand	SM	A-1	0	0	85-95	65-75	35-45	15-25	0-14	NP
	2-16	Loam Sandy Loam Sandy Clay Loam	CL SC	A-6	0	0	95-100	90-100	60-80	45-65	25-35	10-20
	16-60	Stratified Very Gravelly Loamy Coarse Sand To Sandy Loam	SM SW-SM	A-1	0	0	70-90	50-75	30-45	5-25	0-14	NP
501: Papoose	0-2	Sandy Loam	ML SM	A-4	0	0	90-100	85-95	60-75	35-55	20-25	NP-5
	2-16	Loam Sandy Loam Sandy Clay Loam	CL SC	A-6	0	0	95-100	90-100	60-80	45-65	25-35	10-20
	16-60	Stratified Very Gravelly Loamy Coarse Sand To Sandy Loam	SM SW-SM	A-1	0	0	70-90	50-75	30-45	5-25	0-14	NP
502:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
502: Papoose	In											
	0-2	Sandy Loam	ML SM	A-4	0	0	90-100	85-95	60-75	35-55	20-25	NP-5
	2-16	Loam Sandy Loam Sandy Clay Loam	CL SC	A-6	0	0	95-100	90-100	60-80	45-65	25-35	10-20
	16-60	Stratified Very Gravelly Loamy Coarse Sand To Sandy Loam	SM SW-SM	A-1	0	0	70-90	50-75	30-45	5-25	0-14	NP
Patna	0-3	Loamy Sand	SM	A-2	0	0	95-100	95-100	60-70	10-25	0-14	NP
	3-26	Sandy Loam Loamy Sand	SM	A-4	0	0	95-100	95-100	65-80	35-50	25-30	NP-5
	26-36	Loamy Sand Sand	SM SW-SM	A-2 A-3	0	0	95-100	95-100	60-70	5-20	0-14	NP
	36-60	Gravelly Coarse Sand	SM SP-SM SW-SM	A-1	0	0	85-95	50-60	20-30	5-15	0-14	NP
510: Soda Lake	0-9	Loamy Sand	SM	A-2	0	0	90-100	90-100	50-75	15-30	0-14	NP
	9-50	Stratified Sandy Loam To Sand	SM	A-2	0	0	95-100	80-90	65-75	20-30	0-14	NP
	50-60	Gravelly Sand	SW-SM	A-1	0	0	85-95	60-70	30-40	5-10	0-14	NP
Cirac	0-5	Silt Loam	ML	A-4	0	0	100	80-100	75-100	65-75	20-25	NP-5
	5-60	Stratified Gravelly Sand To Silt Loam	SM	A-4	0	0	100	75-100	50-70	35-50	15-25	NP-5
511: Soda Lake	0-8	Gravelly Loamy Sand	SM	A-1	0	0	85-95	65-75	35-45	15-25	0-14	NP
	8-45	Stratified Sandy Loam To Sand	SM	A-2	0	0	95-100	80-90	65-75	20-30	0-14	NP
	45-60	Gravelly Sand	SW-SM	A-1	0	0	85-95	60-70	30-40	5-10	0-14	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
511:	In											
520: Cirac	0-5	Fine Sandy Loam	SM	A-4	0	0	100	75-100	60-75	35-45	15-25	NP-5
	5-60	Stratified Gravelly Sand To Silt Loam	SM	A-4	0	0	100	75-100	50-70	35-50	15-25	NP-5
530: ltme	0-5	Very Gravelly Sand	SP SP-SM	A-1	0	0-5	65-85	25-50	10-30	0-10	---	NP
	5-60	Very Gravelly Sand Very Gravelly Loamy Sand	SM SP SP-SM	A-1	0-5	0-25	65-85	25-50	10-30	0-15	---	NP
ltme	0-3	Very Stony Loamy Sand	SM	A-1	15-30	0-10	65-80	30-50	15-30	10-15	0-14	NP
	3-41	Very Gravelly Loamy Sand Very Gravelly Sand Very Gravelly Coarse Sand	SM SP SP-SM	A-1	0-15	0-10	65-85	25-50	10-30	0-15	0-14	NP
	41-60	Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0-10	0-10	60-80	25-50	20-25	5-15	0-14	NP
531: ltme	0-3	Very Bouldery Loamy Sand	SM	A-1	15-30	0-10	65-80	30-50	15-30	10-15	0-14	NP
	3-41	Very Gravelly Loamy Sand Very Gravelly Sand Very Gravelly Coarse Sand	SM SP SP-SM	A-1	0-15	0-10	65-85	25-50	10-30	0-15	0-14	NP
	41-60	Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0-10	0-10	60-80	25-50	20-25	5-15	0-14	NP

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
531: ltme	In											
	0-3	Very Bouldery Loamy Sand	SM	A-1	10-25	5-10	60-80	30-50	15-30	10-15	---	NP
	3-41	Very Gravelly Coarse Sand	SM	A-1	0	0-25	65-85	25-50	10-30	0-15	---	NP
		Very Gravelly Loamy Sand	SP									
		Very Gravelly Sand	SP-SM									
532: ltme	41-60	Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0	0-20	60-80	25-50	20-25	5-15	---	NP
	0-3	Very Bouldery Loamy Sand	SM	A-1	15-30	0-10	65-80	30-50	15-30	10-15	0-14	NP
	3-41	Very Gravelly Loamy Sand	SM	A-1	0-15	0-10	65-85	25-50	10-30	0-15	0-14	NP
		Very Gravelly Sand	SP									
		Very Gravelly Coarse Sand	SP-SM									
ltme	41-60	Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0-10	0-10	60-80	25-50	20-25	5-15	0-14	NP
	0-3	Very Bouldery Loamy Sand	SM	A-1	10-25	5-10	60-80	30-50	15-30	10-15	---	NP
	3-41	Very Gravelly Loamy Sand	SM	A-1	0	0-25	65-85	25-50	10-30	0-15	---	NP
		Very Gravelly Sand	SP									
		Very Gravelly Coarse Sand	SP-SM									
540: Buckaroo	41-60	Very Gravelly Loamy Coarse Sand	SM SP-SM SW-SM	A-1	0	0-20	60-80	25-50	20-25	5-15	---	NP
	0-3	Very Stony Fine Sandy	GM	A-1	10-25	0-15	55-75	45-65	40-50	15-25	15-25	NP-5
			SM									
	3-20	Clay Loam	CH	A-7	0-5	0-5	90-100	85-100	75-90	65-80	40-55	15-30
		Clay	CL									
	20-60	Very Gravelly Sandy Loam	GM	A-1	0-5	0-15	45-60	30-45	20-35	10-25	15-25	NP-5

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
570: Mazuma	0-3	Loamy Fine Sand	SM	A-2 A-4	0	0	95-100	85-100	75-95	30-50	---	NP
	3-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Mazuma	0-8	Fine Sandy Loam	SM	A-2 A-4	0	0	95-100	85-100	70-85	30-50	20-25	NP-5
	8-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
571: Mazuma	0-8	Very Fine Sandy Loam	ML	A-4	0	0	95-100	85-100	70-90	50-65	20-25	NP-5
	8-60	Stratified Gravelly Coarse Sand To Silt Loam	SM	A-4	0	0	95-100	75-100	70-90	35-50	20-25	NP-5
Inmo	0-8	Gravelly Loamy Sand	SM	A-1	0	0-5	85-95	60-75	35-50	15-20	---	NP
	8-40	Stratified Extremely Gravelly Coarse Sand To Very Gravelly Loamy Sand	SP SP-SM	A-1	0	0-5	75-85	20-35	10-25	0-10	---	NP
	40-60	Very Gravelly Loamy Coarse Sand	SM	A-1	0	0-5	80-90	40-55	25-40	10-15	---	NP
580: Nuahs	0-2	Gravelly Loamy Sand	SM	A-1	0	0-10	70-95	50-75	25-50	15-25	---	NP
	2-15	Sandy Loam	SM	A-2	0	0-10	90-100	75-90	45-60	25-35	20-25	NP-5
	15-60	Coarse Sandy Loam Stratified Fine Sandy Loam To Very Gravelly Loamy Coarse Sand	SM	A-1 A-2	0	0-15	80-90	50-75	40-50	15-30	15-25	NP-5
590:												

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
590: Ahchew	In											
	0-7	Very Stony Fine Sandy	GM SM	A-1 A-2	10-25	0-10	45-65	35-55	30-50	10-30	20-30	NP-5
	7-17	Very Gravelly Clay Loam	GC	A-2	0-5	0-5	35-60	25-50	20-45	15-35	35-40	15-20
	17-21	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rubble Land	0-60	Fragmental Material	GW	A-1	30-65	30-65	0-10	0-5	0-5	0	0-14	NP
600: Welch	0-5	Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	5-41	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
	41-61	Stratified Very Gravelly Loamy Sand To Extremely Gravelly Coarse Sand	GP-GM GW GW-GM	A-1	0	0-10	20-50	15-50	10-35	0-10	---	NP
Welch	0-5	Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	5-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
601: Welch	0-11	Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	11-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6 A-7	0	0	80-100	75-100	65-90	50-70	35-45	15-20

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct					Pct	
601: Welch	In											
	0-5	Loam	CL CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	5-41	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
	41-61	Stratified Very Gravelly Loamy Sand To Extremely Gravelly Coarse Sand	GP-GM GW GW-GM	A-1	0	0-10	20-50	15-50	10-35	0-10	---	NP
Welch	0-5	Loam	CL-ML	A-4	0	0	95-100	95-100	85-95	60-70	25-30	5-10
	5-60	Stratified Sandy Loam To Silty Clay Loam	CL	A-6	0	0	80-100	75-100	65-90	50-70	30-40	10-20
610: Squawval, deep	0-17	Sandy Loam	ML SM	A-4	0-5	0-5	90-100	85-95	60-75	35-55	20-25	NP-5
	17-50	Sandy Clay Loam Sandy Loam Loam	CL SC	A-6	0-5	0-5	85-100	75-100	60-75	40-60	25-30	10-15
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Snopoc	0-17	Very Gravelly Coarse Sandy Loam	SM SP-SM	A-1	0	0-5	80-95	25-45	15-30	5-25	20-25	NP-5
	17-60	Extremely Gravelly Coarse Sandy Loam	SM SP SP-SM	A-1	0	0-10	75-90	10-30	5-25	0-15	20-25	NP-5
Fusuvar	0-3	Very Bouldery Sandy Loam	SM	A-1 A-2	10-20	0-5	90-95	75-90	40-55	15-25	20-25	NP-5
	3-14	Gravelly Coarse Sandy Gravelly Sandy Loam	SM	A-1	0	0	90-95	50-75	30-45	10-25	20-25	NP-5
	14-18	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Cumulic Cryaquolls	---				---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit	Plasticit y Index
			Unified	AASHTO	>10 Inches Pct	3-10 Inches Pct	4	10	40	200		
610:	In										Pct	
611: Squawval, deep	0-17	Sandy Loam	ML SM	A-4	0-5	0-5	90-100	85-95	60-75	35-55	20-25	NP-5
	17-50	Sandy Loam Loam Sandy Clay Loam	CL SC	A-6	0-5	0-5	85-100	75-100	60-75	40-60	25-30	10-15
	50-54	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
620: Petspring	0-1	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-20	80-90	30-50	15-30	10-20	20-25	NP-5
	1-4	Very Gravelly Coarse Sandy Loam	SM	A-1	0	0-15	80-90	30-50	15-30	10-20	20-25	NP-5
	4-8	Weathered Bedrock	---	---	---	---	---	---	---	---	---	---
Rock Outcrop	---				---	---	---	---	---	---	---	---
630: Holbrook	0-4	Gravelly Fine Sandy Loam	SM	A-2	0	0-5	70-85	60-70	45-55	25-35	15-20	NP-5
	4-60	Stratified Stony Sand To Extremely Gravelly Loam	GM SM	A-1 A-2	0-10	10-40	45-70	40-65	30-50	15-30	---	NP
650: Stewval	0-3	Very Gravelly Sandy Loam	GC GC-GM	A-2	0	0-10	35-55	30-45	20-35	15-25	20-25	5-10
	3-10	Very Gravelly Loam Extremely Gravelly Clay Loam Extremely Gravelly Loam Very Gravelly Clay Loam	GC	A-2	0-10	0-25	20-55	15-45	10-35	10-30	30-40	10-20
	10-14	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---

Table H. - Engineering Index Properties - Continued

Hawthorne Ammunition Plant, Nevada, Part Of Mineral County

Map Symbol and Soil Name	Depth	USDA Texture	Classification		Fragments		Percent Passing Sieve Number				Liquid Limit Pct	Plasticit y Index
			Unified	AASHTO	>10 Inches	3-10 Inches	4	10	40	200		
					Pct	Pct						
650: Kyler	In											
	0-3	Very Gravelly Fine Sandy Loam	GC-GM GM SC-SM SM	A-1 A-2	0-2	0-20	40-60	30-50	25-40	10-20	15-25	NP-10
	3-11	Very Cobbly Loam Very Gravelly Loam	GC-GM GM SC-SM SM	A-2 A-4	0-10	10-40	45-65	40-60	35-55	25-40	15-25	NP-10
	11-15	Unweathered Bedrock	---	---	---	---	---	---	---	---	---	---
W: Water	---				---	---	---	---	---	---	---	---